

# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. ४१]

नई दिल्ली, बलिचार, अक्टूबर ८, १९६६ (आश्विन १६, १८८८)

No. 41]

NEW DELHI, SATURDAY, OCTOBER 8, 1966 (ASVINA 16, 1888)

इस भाग में विभिन्न पृष्ठ संख्या दी जाती है जिससे कि यह वर्णन संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड २

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 8th October, 1966.

#### CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 30th April, 1966.

In page 166, Column 2, under the heading "Renewal Fees Paid".

for No. 68108 read No. 68018.

17th September 1966

- 107096. Inventa A. G. für Forschung Und Patentverwertung. Process for purifying organic substances.
- 107097. Mr. J. H. Kowley and Mr. N. H. Kapadia. Production of coated metal.
- 107098. S. C. Bhatnagar. Space saving beds cum sofa.
- 107099. The Metal Box Company Limited. Improvements in or relating to containers. (19th October 1965).
- 107100. A. Ehrenreich & Cie. A ball joint.
- 107101. Edoco Technical Products, Inc. Joint installation apparatus.
- 107102. Kalyan Kumar Bhattacharyya. Improvements in or relating to sluice valves.
- 107103. Hercules Incorporated. Herbicide composition of noree and salts of methyl arsonic acid and method of use.
- 107104. A. E. Crawley and Amulya Chandra Ray. Improvements in and relating to moulds and the process of casting therewith.
- 107105. Imperial Chemical Industries Limited. Amalgam hydrodimerisation of organic compounds. (24th September 1965).
- 107106. Landini S. p. a. Improvements in or relating to tractors. (11th February 1964). (Divisional date 11th February 1965).

19th September 1966

- 107107. Vantorex Limited. Aerosol dispensing apparatus. (29th September 1965).
- 107108. Panelfold Doors, Inc., Foldable door with double bead hinge strip.
- 107109. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Buring. Process for removing keratin-containing parts from animal hides and pelts and the keratin-containing parts adhering to such hides and pelts.

- 107110. General Electric Company. Iodine cycle incandescent lamp.
- 107111. The S. Obermayer Company. Plastic refractory compositions.
- 107112. Beta Laboratories, Inc., Injectable protein and method of isolation and use.
- 107113. Swiss Aluminium Ltd., Electrode sleeve.
- 107114. Brown Boveri & Company Limited. Resilient post insulator.
- 107115. Okanagan Helicopters Ltd. Optical plumbing device.
- 107116. Bharat Lalbhai & Co. Improvements in or relating to gravity dump trucks.
- 107117. Egyesult Izzolampa Es Villamossagi Reszvenytarsasag. Device for arranging and/or boxing—rod—or tube shaped goods, especially glass tubes.
- 107118. Richter Gedcon Vegyeszeti Gayr R. T. A process for preparing steroids of 1,4-diene-3, 17-dione structure.
- 107119. Chinoi Gyogyszer Es Vegyeszeti Termek Gyara. New derivatives of 6-amino-penicillanic acid of pharmaceutical value.
- 107120. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to pressure equalizing devices suitable for use in power-water reactors.
- 107121. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electron sources for an electron gun of a cathode-ray tube, comprising a cathode and a cap-shaped control electrode.
- 107122. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to camera tubes of the vidicon type having electrostatic focusing.
- 107123. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for the automatic gain control of an electric signal.
- 107124. Council of Scientific and Industrial Research. A process relating to the production of benzaldehyde from toluene, a constituent of coke-oven benzole and petroleum naphtha.
- 107125. P. B. Jain and Surendranath. Improved moulded articles and method of manufacturing the same.
- 107126. M. A. S. Ali and I. E. Shahbazkar. Improvements in or relating to pin ejector.
- 107127. K. M. Jagasia. Improvements in or relating to a device for mixing pastes and/or powders and/or barrel plating and polishing.

## 20th September 1966

107128. J. P. Sanghrajka. Fastener for fixing the legs of a table to the bottom surface of table.
107129. S. K. Fadnavis. Paddy replantation.
107130. A. F. Nylander. Method and apparatus for separating the components in brine. (20th October 1965).
107131. J. R. Geigy A. G. Process for the production of new, condensed heterocyclic compounds.
107132. Imperial Chemical Industries Limited. Production of aromatic polymers and intermediates therefor. (24th September 1965).
107133. T. Pietsch. Improvements in or relating to the manufacture of cellular glass. (21st September, 1965).
107134. Sperry Rand Corporation. Margin control.
107135. Dunlop Rubber Company Limited. Method for coating surfaces. (30th September 1965).
107136. International Business Machines Corporation. Automatic ribbon takeup.
107137. Ringfeder G.M.B.H. A push and pull unit, particularly for central buffer couplings.
107138. Combustion Engineering, Inc., Cascade evaporator.
107139. Libbey—Owens—Ford Glass Company. Filmed articles.
107140. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to crystal growing. (23rd September 1965).
107141. Merck & Co., Inc. Carboxylic acids.
107142. Dow Corning Corporation. A method for reducing or preventing foaming in liquid media.
107143. Hermann Seiler & Sohn A. G. Method and plant for drying effluent sludge.
107144. Aktiebolaget Svenska Flaktfabriken. Spray painting booth.
107145. R. M. Kaltenbach. Process and apparatus for conditioning particles.
107146. The Wellcome Foundation Limited. Novel 4' monoesters of cymarins and process for preparing the same. (Divisional date 3rd October 1963).
107147. K. R. Chokhani. Improvement in paper composite container.

## 21 September 1966

107148. Fertilizer Corporation of India Limited. A process for preparation of an active magnesium compound for removal of silica from water in the cold.
107149. Westinghouse Electric Corporation. High speed semiconductor switch.
107150. Westinghouse Electric Corporation. Semi conductor switch for handling rapidly increasing currents.
107151. Eaton Manufacturing Company. Automotive device. (Divisional date 29th March 1965).
107152. J. R. Geigy A. G. Process for the production of optical brighteners of the stilbene series.
107153. J. R. Geigy S. A. Process for the production of optical brighteners of the stilbene series.
107154. N. C. McCallum. An improved high performance economical track roller for track type tractors. (23rd September 1965).
107155. Concast A. G. An arrangement in a continuous casting plant for oscillating a mould, having a circularly arcuate mould cavity.
107156. Union Carbide Corporation. Method for eliminating weld puddle cracking.
107157. The English Electricity Company Limited. Improvements in or relating to rotary switches. (30th September 1965).
107158. Querot & Cie Sarl. Improvements in or relating to linear measuring instruments.
107159. Siemens & Halske Aktiengesellschaft. Improvements in or relating to stable multivibrators. (22nd July 1966).
107160. Chemie Grunenthal GMBH. Esters of  $\alpha$ -alkyl-thyronine-derivatives and method of preparing these compounds.
107161. E. Merck A. G. Fungicidal compounds and process for preparing same. (Divisional date 25th March 1965).
107162. The British Petroleum Company Limited. Graphite. (24th September 1965).
107163. The British Petroleum Company Limited. Improved greases. (24th September 1965).

107164. The British Petroleum Company Limited. Molybdenum disulphide (24th September 1965)
107165. The British Petroleum Company Limited. Improved dispersions and greases (24th September 1965)
107166. Allen & Hanburys Limited. Improvements in or relating to butyrophene derivatives of morpholine (Addition to No 95616) (Divisional date 11th September 1964)

## Alteration of Date

97084. The claim to priority date 31st December, 1963 has been abandoned and the application dated as of 17th December, 1964 the date of filing in India
106927. Ante-dated to 16th December, 1964 under Section 5 of the Act

## Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications, together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

96803. Formica International Limited. Improvements relating to resin impregnated laminates. (6th December 1963.) Accepted on 2nd September 1966.

*Forming assembly of core sheets impregnated with phenol-form aldehyde having intermediate adhesive layer of aminotriazine from aldehyde and outer protective layer of florine containing organic polymer and curing same.*

96885. Vereinigte Glanzstoff-Fabriken A. G. Process for improving the bonding with rubber of tyre cord consisting of polyethylene terephthalate. (22nd October 1964). Accepted on 8th September 1966.

*Treating the filaments to be used for the manufacture of the tyre cord with an alcoholic solution, aqueous alcoholic solution or aqueous emulsion of a glycidyl ether of an aromatic or cycloaliphatic polyhydroxy compound and a heterocyclic or aliphatic amine and subsequently heating to 100° to 245°C and treating the product with an aqueous dispersion of a resorcinol formaldehyde precondensate and a vinyl pyridine latex.*

96886. Vereinigte Glanzstoff-Fabriken A. G. A process for improving the bonding with rubber of polyethylene terephthalate tyre cord. (22nd October 1964). (Addition to No. 96885). Accepted on 8th September 1966.

*Applying a spin finish to a yarn a glycidyl ether of an aromatic or cycloaliphatic polyhydroxy compound and a heterocyclic or aliphatic amine and subsequently treating the product with an aqueous dispersion of a resorcinol formaldehyde precondensate and a vinyl pyridine latex.*

96900. M. K. Tembe. Improvements in or relating to wick stove burners. Accepted on 8th September 1966.

*Having one or more wicks to suck fuel from fuel container, the fuel supply so obtained being burnt by a round wick, when the burner is operated.*

96976. T. Satake. Grain separator. Accepted on 12th September 1966.

*A grain separation board with regged surface which oscillates itself describing an circle of lengthwise oscillation and gathers the different grains of cereals drifted respectively towards both lengthwise slides and separate out of them.*

96989. Aktiebolaget Bofors. Control device. Accepted on 16th September 1966.

*Comprises a control lever, a pivot joint supporting the lever at one end thereof pivoted about two orthogonal intersecting axes relative to a neutral position of a lever.*

97006. Rodi & Wienenberger Aktiengesellschaft. Resiliently extensible articulated bracelet. [Addition to No. 87464]. Accepted on 14th September, 1966.
- The connecting members co-operate with leaf springs within the links holding the bracelet in retracted condition while permitting the links to be drawn apart to extend the bracelet against the spring action of the leaf springs.*
97029. Fairbairn Lawson Limited. Improvements in stop mechanisms for web or sliver processing textile machines. Accepted on 14th September 1966.
- A plate having projections to support fibrous material during traverse and a reciprocating detector member are provided such that said member will be arrested by projections in absence of fibrous materials over projections.*
97063. Allied Chemical Corporation. Method for making rigid cellular polyurethanes containing antimonates (III). Accepted on 16th September 1966.
- Comprises reacting a polyfunctional active—hydrogen containing compound with an organic polyisocyanate in the presence of a blowing agent.*
97084. Albright & Wilson (Mfg.) Limited. Improvement relating to the production of organotin compounds. Accepted on 17th September 1966.
- Metallic tin or an alloy thereof is reacted with an aliphatic chloride or bromide or iodide in the presence of a catalyst containing a divalent sulphur or selenium atom.*
97088. Shaw Processes (India) Private Limited. Improvements in or relating to silicic acid sols. (18th December 1963). Accepted on 17th September 1966.
- The improvement comprises initiating and carrying out the hydrolysis at an elevated temperature of about 80°C.*
97155. Argus Chemical Corporation. Improving light and heat stability of polyvinyl chloride resins. Accepted on 21st September, 1966.
- By a polyvinyl chloride resin stabilizer composition comprising an organotin compound, having at least one organic radical linked to tin through carbon, a mercapto acid moiety, an antioxidant, and an additional light stabilizer.*
97222. Leeson Corporation. Winding machine. Accepted on 23rd September 1966.
- Has yarn outer end holding means, a magazine having separate compartments to receive bobbins with preselected yarn wound thereon and guide means for directing bobbin to appropriate compartments.*
97239. Stamicarbon N.V. Oxime preparation. Accepted on 19th September 1966.
- An organic compound with a carbonyl group is reacted with a solution of hydroxylammonium sulphate.*
97276. Veb Elektro-Apparate-Werke Berlin-Treptow. Maximum counter with coupling device. Accepted on 22nd September 1966.
- The sense of coupling of the driving spur gear forming an acute angle with the normal of both coupled spur gears so that movement of angle and sense of rotation of the driving spur gear are unidirectional.*
97306. John Preston and Company (Chemicals) Limited. An aqueous solution for use in nickel plating. (14th January 1964). Accepted on 21st September 1966.
- Which consists in addition to a nickel salt and boric acid, a proportion of dimethylaminopropyne or dimethyl-aminopropyne hydrochloride.*
97357. Bristol Siddeloy Engines Limited. Manufacture of aerofoil blades. (9th January 1964). Accepted on 21st September 1966.
- Making hollow blade from sheet or similar blade like article in which a U section is pressed to shape by opposed dies, the arms of the preform being longer than former as in cross section, the end portions being pressed into a channel in one of the dies.*
97373. Morgan Construction Company. Controlled cooling for a rod mill. Accepted on 21st September 1966.
- In a carbon steel rod rolling mill, cooling means for spraying coolant to lower temperature to a temperature above transformation and to maintain that temperature until equalization of surface to core temperature.*
97425. United States Rubber Company. A method of curing an unsaturated hydrocarbon polymer. Accepted on 17th September 1966.
- Curing unsaturated hydrocarbon polymer by introducing therein a phenolic curative and Lewis acid or sulfonic acid catalyst.*
97426. United States Rubber Company. Method of making a cured, shaped foamed article from a polymer. Accepted on 17th September 1966.
- A gas under pressure is allowed to be absorbed by polymer in inert organic solvent in the presence of a curative system to gell the solution to produce a gelled cement.*
98439. Sun Oil Company, and Thermal Research & Engineering Corporation. Flame cracking of hydrocarbons. Accepted on 15th September 1966.
- Introducing a hydrocarbon or mixture of hydrocarbons in finely divided form on the flame of a burner at a temperature of 425 to 870°C.*
97457. Vir Singh & Co. (Rgd), Improvements in or relating to shot guns. Accepted on 21st September 1966.
- Comprising the firing mechanism, one piece of solid steel machined from inside and outside to form a chamber of desired shape.*
97465. Farbenfabriken Bayer Aktiengesellschaft. Herbicidal compositions. (9th October 1964). Accepted on 20th September 1966.
- Comprising, as active ingredient diacyl anilide with a solid diluent in admixture with an organic solvent and an emulsifying agent.*
97493. Corning Glass Works. Pipe coupling. Accepted on 19th September 1966.
- Comprising a first flexible gasket, inner clamping ring to clamp the gasket to the opposed pipe-ends, outer clamping rings on the pipe ends drawn towards the inner clamping means by screw means, second gaskets formed on the inner clamping rings and cooperating with restraining bands to form a ball-and-socket joint.*
97613. Laporte Titanium Limited. Process for the treatment of gaseous suspensions and apparatus therefor. (29th January 1964). Accepted on 15th September 1966.
- A process for the treatment of a chlorine containing gaseous suspension of pigmentary titanium dioxide and an inert particulate refractory material comprises introducing the suspension into a vessel through which an inert gas is passed counter currently in such a rate that a first bed of inert particulate material a second bed of pigmentary titanium dioxide are formed.*
97638. G. Weiss. An expandable stitch-and-turn collar construction. Accepted on 21st September 1966.
- Comprising an inter connected superposed arrangement of extension stretchable and non-stretchable fabric plies forming the body of the said collar.*
97715. David Brown Industries Limited. Hydrostatic fluid gear. Accepted on 16th September 1966.
- Connectable unit is designed so that it is not only adjustable in regard to absorbed volume, and besides the releasable coupling between the drive shaft of this unit and the gear driven shaft.*
97871. Vibrator Manufacturing Company. Vibration mechanism and method. (13th November 1964). Accepted on 21st September 1966.
- A fluid pressure driven vibrator having a rotor in a housing with connection to pressurized fluid rotor being a disc, housing having a transverse bore, an orbiting outlet for fluid cooperable with rotor.*
98326. The English Electric Company Limited. Cooling towers. (17th March 1964). Accepted on 6th September 1966.
- Including a heat exchanger for cooling a fluid by indirect heat exchange with air, and means not to blank off the heat exchanger in one position and to blank off at least a part of the heat exchanger in a second position to reduce the air flow through the heat exchanger.*
98373. United States Rubber Company. Improvements in curing of rubber and rubber foam. [Addition to No. 97426]. Accepted on 9th September 1966.
- A curative system is introduced into a solution of an unsaturated hydrocarbon polymer rubber, the solution is then foamed and allowed to cure until the foam is self supporting.*

98376. M. Fromont and M.M.V. Fromont. A device for imparting rotational and transitional movements to products being treated in thermic appliances, furnaces, stoves, driers and collers back. Accepted on 9th September 1966.  
*Characterized by manipulating handles, they being rotatable.*
98396. Union Carbide Corporation. Emulsifiable polyalkylene wax adducts. Accepted on 12th September 1966.  
*Reacting a polyalkylene wax containing at least one vinyl group per molecule with from 5 to 20 percent by weight of the wax of an unsaturated dicarboxylic acid ester of an alcohol containing upto 20 carbon atoms.*
98408. J. R. Geigy A.G., Non-dusting dyestuff preparations. Accepted on 12th September, 1966.  
*A non-dusting dyestuff composition essentially of (1) a solid water-soluble dyestuff, a water dispersible dyestuff a water-soluble or water-dispersible brightener (2) water and (3) an agent preventing drying out of the composition.*
98448. Hotwork Limited. Improvements in or relating to apparatus for heating up furnaces. Accepted on 15th September, 1966.  
*Comprising a burner having a mouth adapted to be inserted through an opening in the wall of the furnace.*
98450. Japan Exlan Company Limited. Process for the continuous preparation of dyed filaments of acrylonitrile polymer. Accepted on 15th September 1966.  
*Comprises wet-spinning an acrylonitrile polymer to form wet get filaments, washing and treating filaments at higher than dyeing temperature, removing surface lipid from and applying dye to filaments for 10 seconds and then heat treating.*
98453. N.V. Onderzoekingsinstituut Research. Stretch multifilament yarn and a process for the manufacture thereof. Accepted on 15th September 1966.  
*In the extended state of the yarn, some and only interlaced filaments have a clockwise torque and some anticlockwise, resulting in zero torque through the length of yarn.*
98457. Halcon International Inc. Production of oxygenated amines. Accepted on 15th September 1966.  
*Comprises treating the amine with a combination of a dissolved metal catalyst of the group consisting of peracid forming and hydroxylation catalysts and an organic hydro-peroxide as the essential oxidizing agent.*
98458. Becorit Grubenausbau GmbH, Improvements in or relating to cableways. (26th November 1964). Accepted on 15th September 1966.  
*A cable supporting guide roller having a body part affording a peripheral running face and two radially projecting flanges one at each side of said running face.*
98469. General Electric Company. Improvements in or relating to combination filter blower. Accepted on 16th September, 1966.  
*Filter blower with a blower wheel, a cylindrical filtering element supported by blades of said wheel to be rotated therewith so that all air passing through blower are filtered.*
98478. United States Steel Corporation. System for controlling the liquid level in a continuous casting mold or the like. Accepted on 16th September 1966.  
*Controlling the liquid level of molten metal in a continuous casting mold wherein a liquid level detector is provided with a signal whose polarity and magnitudes are correspondingly proportional to the direction and amount of deviation of level from a prefixed level and a circuit controlling liquid level actuated by said signal.*
98484. Ciba Limited. New Monoazo dyestuff pigments and process for their manufacture. Accepted on 16th September 1966.  
*An azodyestuff carboxylic acid halide without any water-soluble acidic groups is condensed with amonoamine without any water soluble acidic groups.*
98487. American Potash & Chemical Corporation. Improvements in and relating to titanium dioxide pigments. Accepted on 16th September 1966.  
*Comprising precipitating at least two hydroxides, or hydrated oxides or pluralgels of elements selected from the group consisting of aluminium, silicon, boron titanium, antimony, zinc, magnesium, tin, lead and zirconium into intimate association with the titanium dioxide pigment.*
98494. The Molins Organisation Limited. Improvements in or relating to a method and mechanism for producing stubs of cigarettes. (6th April 1964). Accepted on 16th September 1966.  
*Producing sections of stub rod and each of which of a length a little in excess of an exact multiple of stubs to be produced, trimming each section and dividing the section into stub lengths, the steps being taken while the sections moving transverse to lengths.*
98504. Mobil Oil Corporation, formerly known as Socony Mobil Oil Company Inc. Thermosettable water-soluble resins and their preparations. Accepted on 19th September 1966.  
*Reacting an aldehyde, a ketone, and at least one phenolic compound in the presence of a base capable of catalyzing the condensation reaction of the above constituents.*
98527. United States Rubber Company. Improvements in method and apparatus for continuous casting of a film of synthetic resin and a fabric containing the film so produced. Accepted on 19th September, 1966.  
*Comprising the steps of sandwiching a solvent free mixture pressing the carriers towards one another, winding the sandwich on to a rotating drum and stripping the film from the carriers after the substantial curing of the resin.*
98529. Alexander Kasser and Ivan Michael Kasser. Cellulosic pulp and its derivatives produced from microcelled raw materials. Accepted on 15th September 1966.  
*Comprising pretreating microcelled parchment materials with a high percentage of sulfuric acid digesting briefly with a relatively low alkali concentration and high sulfidity, multistage chlorine bleaching with chlorine dioxide and drying.*
98547. Elektrokemisk A/S. Improvements in or relating to apparatus for charging rotary kilns. Accepted on 20th September, 1966.  
*Characterised by a feeder provided with a closure member.*
98551. Sold Kleinmotoren GMBH., Gas-regulating device for power-driven sprayers that are portable on the back. Accepted on 21st September, 1966.  
*Comprising air hose inserted into the pipe bend.*
98602. Podmore and Sons Limited and William Boulton Limited. Improvements relating to grinding operations. (6th April 1964). Accepted on 21st September 1966.  
*Grinding material by cylindrical pieces of grinder in a chamber in a liquid medium, cylinders being placed parallel to have rubbing action with compound vibrational movement of chamber.*
98605. The Dow Chemical Company. Non-destructive testing of pressure vessels. Accepted on 21st September, 1966.  
*A weight transducer is connected to the recorder and to the liquid supply container.*
98634. Fyne Machinery and Engineering Limited. Improvements in and relating to vibrators. (25th March 1964). Accepted on 20th September 1966.  
*Coacting parts of the rotatable mass and the casing are formed or shaped for positive engagement to reduce or eliminate relative slip.*
98676. P. C. Gassin. A mechanically operated pencil. Accepted on 20th September 1966.  
*In which by pushing the knob only a predetermined length of the lead comes out and on releasing the knob, the lead is gripped by the jaw and pencil made ready for use.*
98717. The Babcock & Wilcox Company. Extrusion apparatus. Accepted on 24th September 1966.  
*Characterized by an arm capable of positioning a disc of lubricating material between extrusion chamber and the billet.*
98778. De Wendel & Co. S.A. Method of producing rail sections. Accepted on 15th September 1966.  
*Subjecting a symmetrically shaped rail blank to a number of rolling passes including one series of passes in which the blank is exposed to a system of rolling forces symmetrically applied predominantly to those surfaces that are to provide the uppermost surface, upper side edge surfaces and under surfaces of the rail head, and another series of passes interspersed with the passes of the first series.*

98786. Russell Constructions Limited. Improvements in or relating to machines for sifting or straining purposes. (2nd April 1964). Accepted on 16th September 1966.

*A vibratory frame elastically supported from the stationary frame by means permitting relative movement in all directions, a sifting or straining assembly secured to the vibratory frame and a motor-driven out of balance assembly secured to said frame.*

98819. Hydrel A. G. Precision stamping press with a cutter piston. Accepted on 15th September 1966.

*Stamping press with a cutter piston, a main piston for pressing the workpiece onto the bed plate and a counterpressure piston for supporting the workpiece, the working stroke of the combined cutter and main piston being regulated hydraulically and the return stroke being regulated by compressed air.*

98869. Didier-Werke A. G. Suspension for furnace roofs consisting of single refractory bricks. Accepted on 21st September 1966.

*Suspensible refractory brick with a prismatic suspension head with double dovetailed profile tapering towards top, narrow sides joining together engaging into correspondingly shaped grooves in the adjacency of neighbouring brick.*

98946. Siemens-Schuckertwerke Aktiengesellschaft, Berlin and Eriangen. A driving device for a disconnecting switch. Accepted on 19th September 1966.

*Comprises a shaft having a screw threaded spindle portion and a travelling nut arranged to press springs at either end of the spindle, the arm being made to turn about an axis by movement of the nut.*

98968. Jaggy & Company. Improvements in or relating to time saving appliances for knitting and sewing. Accepted on 21st September, 1966.

*A time saving appliance in knitting and sewing consisting of a gadget made of light or strong material generally right angled triangle shaped with a linear scale of measurement and a series of holes according to the needle size.*

98999. C. O. Hoover. Desulfurizing petroleum with alkali and di-alkyl sulfoxide. Accepted on 21st September 1966.

*Comprising admixing a strong alkali and di-alkyl sulfoxide and separating the treated oil from the resulting admixture.*

99010. G. P. R. Pillai. A process for manufacture of mono and diammonium or mono or di-and trialkali metal phosphates from wet-process phosphoric acid. Accepted on 19th September 1966.

*Comprising the steps of treating phosphoric acid with sodium carbonate or trisodiumphosphate, adding lime, heating the mixture and contacting it with activated carbon, extracting the filtrate with butyl or propyl alcohol, adding ammonia till the mixture reacts pH between 2.5 to 9.0, separating and collecting the lower aqueous solution and evaporating the residue to crystallise metal phosphate.*

99022. Silentblock Limited. Manufacture of bearing assemblies. (16th April, 1964). Accepted on 19th September 1966.

*Method includes the steps of moulding the bushing within the outer sleeve without bonding the bushing to the sleeve and subsequently reducing the effective diameter of the outer sleeve to eliminate any clearance.*

99099. Swiss Aluminium Ltd. Methods of and apparatus for continuously casting metal. Accepted on 19th September 1966.

*Continuously casting metal from a tundish into a mould formed by rim of a water-cooled wheel wherein metal enters at the top and rates of rotation wheeled and feed are interrelated so that always there is metal above the highest point of the base.*

99226. Didier-Werke A.G. Firebrick with a metal jacket. Accepted on 21st September, 1966.

*Metal jacketed firebrick, jacket enclosing the bearing surfaces and side faces of brick with two U shaped plates facing each other with side pieces leaving an interval between lateral edges covering the side faces.*

99916. The S. U. Carburettor Company Limited. Carburettors for internal combustion engines. (19th June 1964). Accepted on 17th September 1966.

*Carburettors for I.C. engines, of the controllable jet, variable choke type, having a fuel metering jet, controlled by a contoured metering needle*

*in dependance upon the instantaneous position of a suction-operated piston that controls the effective cross sectional area of the choke in the main air passage of the carburettor.*

100437. The Molins Organisation Limited. A device for separating imperfect cigarettes from a procession of cigarettes. (20th July 1964). Accepted on 16th September 1966.

*Cigarettes are held in the flutes by suction through holes in the flutes and satisfactory cigarettes are conveyed to the position of discharge where the suction is cut off.*

- 106927 Allied Chemical Corporation. Premix compositions useful in the preparation of rigid cellular polyurethanes containing soluble organic antimonates III. (Divisional date 16th December 1964). Accepted on 16th September 1966.

*Comprising a polyfunctional active hydrogen containing compound, an organic antimonate (III) compound and 0.25 to 1.25% of water by weight of said polyfunctional active hydrogen containing compound.*

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

86614.	86624.	86837.	87107.	87547.	87651.	87860.	87913.
87914.	87922.	88027.	88052.	88053.	88061.	88065.	88085.
88097.	88104.	88118.	88126.	88131.	88145.	88149.	88157.
88159.	88162.	88176.	88194.	88199.	88216.	88337.	88430.
88441.	88557.	88560.	88583.	88639.	88643.	88718.	88762.
88848.	88917.	89018.	89028.	89082.	89085.	89086.	89306.
89600.	89601.	89617.	89632.	89722.	89818.	89831.	89854.
89876.	89922.	90014.	90162.	90283.	90301.	90982.	95236.
96308.	96309.	96310.	96311.	96312.			

#### Patents Sealed

(1)

91553.	91554.	93868.	93880.	93975.	93976.	93977.	93978.
94002.	94832.	95180.	95233.	95234.	95242.	95244.	95285.
95318.	95330.	95345.	95346.	95361.	95408.	95437.	95439.
95453.	95470.	95471.	95476.	95510.	95712.	103136.	93204.
93420.	93629.	93789.	93888.	93941.	93991.	94106.	94027.
94082.	94152.	94157.	94265.	94266.	94282.	94284.	94350.
94370.	94388.	94403.	94539.	94679.	94683.	94756.	94860.
94865.	94946.	94992.	95049.	95154.	95217.	95266.	95284.
95299.	95311.	95314.	95443.	95511.	95547.	95548.	95830.
95835.	96016.	96465.					

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Hercules Powder Company, a corporation organized under the laws of the State of Delaware, one of the United States of America, of 910 Market Street, City of Wilmington, State of Delaware, United States of America, Manufacturers, seek leave to amend the name of the applicants in the application, specification and drawings in respect of patent application No. 97056. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Hercules Powder Company, a corporation organized under the laws of the State of Delaware, one of the United States of America, of 910 Market Street, City of Wilmington, State of Delaware, United States of America, Manufacturers, seek leave to amend the name of the applicant in the application, specification and drawings in respect of Patent Application No. 97225. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Hercules Powder Company, a corporation organized under the laws of the State of Delaware, one of the United States of America, of 910 Market Street, City of Wilmington, State of Delaware, United States of America, Manufacturers, seek leave to amend the name of the applicant in the application, specification and drawings in respect of patent application No. 97226. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents & Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Hercules Powder Company, a corporation organized under the laws of the State of Delaware, one of the United States of America, of 910 Market Street, City of Wilmington, State of Delaware, United States of America, Manufacturers, seek leave to amend the name of the applicant in the application and specification in respect of patent application No. 97808. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

66445 }  
66446 } Catherine Mary Leslie. The Singer Company.  
66447 }

86614 }  
96308 }  
96309 } Rank Xerox Limited.  
96310 }  
96311 }  
96312 }

75224 ) Pittsburgh Coke & Chemical Company. United States Steel Corporation.

#### Renewal Fees Paid

43967. 46159. 46169. 48237. 50217. 50307. 50349. 50493.  
50539. 50546. 59592. 52773. 52944. 52999. 53076. 53461.  
55493. 55599. 55743. 55744. 55750. 55781. 55882. 58453.  
58570. 58593. 58665. 58703. 58747. 58781. 58847. 58977.  
59103. 59412. 60776. 61943. 62044. 62093. 62147. 62201.  
62814. 65227. 65357. 65401. 65431. 65448. 65619. 65634.  
65650. 65656. 65726. 65742. 66048. 66198. 69117. 69181.  
69200. 69216. 69345. 69368. 69380. 69390. 69399. 69568.  
69691. 69704. 69796. 70092. 70103. 70189. 73054. 73497.  
73521. 73529. 73530. 73556. 73557. 73561. 73573. 73629.  
73630. 73644. 73648. 73661. 73664. 73695. 73696. 73747.  
73748. 73749. 73756. 73805. 73818. 73833. 73843. 73844.  
73845. 73861. 73885. 73886. 73893. 73914. 74110. 74153.

74348. 74412. 74518. 74581. 74664. 74710. 74711. 74712.  
74904. 75053. 75117. 78503. 78547. 78609. 78610. 78695.  
78819. 78820. 78822. 78859. 78905. 78969. 78921. 78928.  
79015. 79021. 79051. 79069. 79080. 79086. 79098. 79175.  
79323. 79422. 79549. 80456. 80457. 82612. 82828. 83541.  
83574. 83673. 84039. 84129. 84216. 84268. 84294. 84295.  
84392. 84409. 84466. 84478. 84512. 84520. 84600. 84601.  
84611. 84615. 84617. 84657. 84662. 84689. 84695. 84722.  
84755. 84773. 84779. 84789. 84791. 84991. 85105. 85272.  
85311. 85314. 85356. 87617. 89852. 90033. 90251. 90252.  
90253. 90254. 90366. 90734. 90852. 91783. 93763.

#### Cessation of Patents

60588. 60597. 60598. 60602. 60611. 60612. 60613. 60614.  
67574.

#### Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 76289—Kuldip Singh and Gurbox Singh Sagoo.

The patent ceased on the 19th April 1965, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 15th January 1966. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 12th November 1966.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50, of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 128431 to 128436. Shree Ram Mills Limited, Fergusson Road, Lower Parel, Bombay-13, (Maharashtra), Nationality—Indian Company, "Textile goods", May 16, 1966.

#### Copyright Extended for the Second Period of Five Years

110512 Class 1  
113178 "  
110549 Class 3  
110706 "  
113055 "  
108607 Class 5

#### Copyright Extended for the Third Period of Five Years

87105 Class 5

A. JOGARAO,  
Controller-General of Patents,  
Designs and Trade Marks